

CK-2451

NORRISH CREEK 5.6km

2018 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°13'28.89"	-122°8'40.9"		
Crossing Name	Unknown		
FSR #	10326	Branch #	1
Road Name	NORRISH CREEK		
User km	5.6		
Current Load Rating (tonnes)	63		
Structure Class	Major Culvert		
Culvert Type	Round		
Culvert Material	Corrugated Steel		
Opening Height (mm)	3000		
Opening Width (mm)	3000		
Inlet Cover (mm)	500		
Outlet Cover (mm)	400		
Culvert Gradient %			
Culvert Length (m)	11		

Updated Data

Latitude	Longitude		
49°13'28.78"	-122°8'41.42"		
HD Diff. (m)	11.1	Accuracy (m)	5
BCL-625 or 63 tonnes			
400			
400			

Inspection

Date of Inspection 2018-08-21 9:00:20 AM

Recommended Next Inspection Year 2019

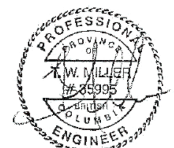
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Remove material from within culvert and consider digging a sump at inlet. Monitor both the material buildup within the culvert and the overall culvert shape as there is damage to both the inlet and floor. Current load rating of BCL 625 or 63 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections

Embedment Materials

Fill Fair

Floor Fair Damaged but functional

Footing

Head Walls

Inlet Fair

Outlet Fair

Overall Fair

Rip Rap Fair

Roof Fair Damaged but finctional

Sidewalls Fair Damaged but functional

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	1.3	Ice	☐		

Comments Material is being transported into the culvert and should be cleaned, no change from last inspection

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Remove material from within the culvert and dig sump
2		
3		

Item	Monitor Description	Frequency
1	Material within culvert	Anually
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from Left Bank when facing downstream



Inlet



Material being washed into the culvert



Roof damage



Outlet



Damage to roof at inlet



Inlet brush



Sidewall damage at inlet



Damage to inlet from failing log fender